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Express CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 21874 7590 01/03/2006 EDWARDS ANGELL PALMER & DODGE, LLP Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposed with the United States Postal Service with sufficient postage for first-class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. P.O. BOX 55874 BOSTON, MA 02205 Lisa A. Rollins (Depositor's name) (Date CONFIRMATION NO. APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. 7748 11/28/2000 Satoshi Machino 70868-55282 09/724.191 ELECTRONIC MAIL APPARATUS TITLE OF INVENTION: PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE APPLN, TYPE SMALL ENTITY ISSUE FEE 04/03/2006 \$0 \$1400 NO \$1400 nonprovisional **EXAMINER** ART UNIT CLASS-SUBCLASS 2157 709-001000 DALENCOURT, YVES 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 David G. Conlin ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 George N. Chaclas ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer 3 Edwards Angell Palmer & Dodge, LLP Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. 09724191 (B) RESIDENCE: (CITY and STATE OR CHEGAZ 000000000 041105 (A) NAME OF ASSIGNEE 1460.00 DA OSAKA, JAPAN SHARP KABUSHIKI KAISHA 02 FC:8001 ☐ Individual ☐ Corporation or other private group entity ☐ Government Please check the appropriate assignee category or categories (will not be printed on the patent): 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): ✓ Issue Fee A check in the amount of the fee(s) is enclosed.

☑ The Director is hereby authorized by charge the required fce(s), or credit any overpayment, to Deposit Account Number _______04-1105 ______ (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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PTO/SR/17 (01-06) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). 09/724,191-Conf. #7748 **Application Number** FEE TRANSMITTAL November 28, 2000 Filing Date For FY 2006 Satoshi Machino First Named Inventor Examiner Name Y. Dalencourt 2157 Applicant claims small entity status. See 37 CFR 1.27 Art Unit TOTAL AMOUNT OF PAYMENT 55282(70868) (\$) 1.430.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Credit Card Money Order None Other (please identify): Check Edwards Angell Palmer & Dodge LLP x Deposit Account Deposit Account Number: 04-1105 Deposit Account Name For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) x Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of x | Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.) 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity Small Entity Application Type** Fee (\$) Fee (\$) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) 300 150 500 250 200 100 Utility 200 100 100 50 130 65 Design Plant 200 100 300 150 160 80 500 600 300 150 250 300 Reissue Provisional 200 100 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180 **Total Claims** Extra Claims Fee Paid (\$) **Multiple Dependent Claims** Fee (\$) Fee Paid (\$) - 20 = Fee (\$) HP = highest numer of total claims paid for, if greater than 20. Extra Claims Fee Paid (\$) Indep. Claims - 3 = HP = highest numer of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Number of each additional 50 or fraction thereof Fee Paid (\$) Fee (\$) - 100 = (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1501 Utility issue fee 1,400.00 8001 Printed copy of patent w/o color 30.00 SUBMITTED BY Registration No 46.608 Telephone (401) 276-6653 Signature George N. Chaclas March 31, 2006 Name (Print/Type)

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